

# Marc Girons Lopez

gironslopez.me

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## EDUCATION

### UPPSALA UNIVERSITY

#### PHD IN HYDROLOGY

Expected Oct 2016 | Uppsala, Sweden  
Using socio-hydrological data for improving water management practices.

Main Supervisor: Jan Seibert

### UPPSALA UNIVERSITY

#### MSC IN EARTH SCIENCES

(HYDROLOGY/HYDROGEOLOGY)

Aug 2009 - Jun 2011 | Uppsala, Sweden

### UNIVERSITAT AUTÒNOMA DE BARCELONA (UAB)

#### BSC IN GEOLOGY

Sep 2004 - Jun 2009 | Barcelona, Spain

### UNIVERSITÉ JOSEPH FOURIER (GRENOBLE 1)

#### ERASMUS PROGRAM

Sep 2007 - Jun 2008 | Grenoble, France

## LINKS

Github:// GironsLopez

LinkedIn:// marcgirons

## SKILLS

### PROGRAMMING

Python • Matlab •  $\text{\LaTeX}$  • Fortran

### SCIENTIFIC SOFTWARE

ArcGIS • QGIS • HBV

### LANGUAGES

Native

Catalan • Spanish

Fluent

English • French

Intermediate

Swedish

## SCHOLARSHIPS

2014 Liljewalchs travel grant

2010 The Swedish - Spanish Foundation for the Promotion of Education and Studies scholarship

2007 ERASMUS scholarship

## PROFESSIONAL EXPERIENCE

### LABORATORI CATALÀ DE CONTROL

LAB TECHNICIAN INTERN

Jun 2009 Sep 2009 | Barcelona, Spain

- Quality control of soils and construction materials for civil engineering projects as well as water analyses.
- Adoption of ISO rules.

### URS CONSULTANT INTERN

Jun 2008 Sep 2008 | Barcelona, Spain

- Environmental control tests, soil decontamination and hydro-geological data processing.
- Limnology field work for quality control of riverine systems.

## RESEARCH

**Girons Lopez, M., Di Baldassarre, G., Grabs, T., Halldin, S., Seibert, J.** (2016) *Exploring the Role of Social Memory of Floods for Designing Flood Early Warning Operations*. Poster presented at the EGU General Assembly, Vienna, Austria.

**Girons Lopez, M., Wennerström, H., Nordén, L.-Å., Seibert, J.** (2015) *Location and density of Rain Gauges for the Estimation of Spatial Varying Precipitation*. Geografiska Annaler. Series A, Physical Geography.

**Mbanguka, R. P., Girons Lopez, M., Jarsjö, J.** (2013) *A Water Balance Model for Assessing Hydro Climatic Variability In Tropical Lake Systems: Application to Lake Babati and Lake Emakat, Northern Tanzania*. Poster presented at the EGU General Assembly, Vienna, Austria.

**Girons Lopez, M.** (2011) *Modelling Climatic and Hydrological Variability in Lake Babati, Northern Tanzania*. Master Thesis, Stockholm University, Sweden.

## TEACHING EXPERIENCE

### TRAINING

2015 Academic Teacher Training Course II, Uppsala University, Uppsala, Sweden

### TEACHING ASSISTANT

Meteorology, hydrology and Environmental Measurement Techniques • Distribution and Treatment of Drinking Water • GIS for Water Ressources • Runoff • Climate and Landscape • Soil Mechanics and Engineering Geology • Groundwater and Runoff Modelling • Hydrology and Water Resource Management • Statistical Methods in Hydrology

### FIELD WORK

Global Hydrology • Field Course in Earth Science II • Hydrology and Water Resource management

## REPRESENTATION

2014 PhD student representative at the Centre for Natural Disaster Science (CNDS) Program Board, Uppsala University, Uppsala, Sweden

2013 PhD student representative at the Department of Earth Sciences Board, Uppsala University, Uppsala, Sweden

2007 Student representative at the Geology Section board, Universitat Autònoma de Barcelona, Barcelona, Spain